

What is claimed is:

1. A liquid crystal display polarizing plate comprising a light-diffusion layer on one surface.
2. The polarizing plate of claim 1, wherein the liquid crystal display has a sufficient amount of Haze to substantially eliminate backlight Mura phenomenon.
3. The polarizing plate of claim 1, wherein the light-diffusion layer has a surface including a plurality of projections.
4. The polarizing plate of claim 3, wherein the projections have round shapes.
5. The polarizing plate of claim 3, wherein the projections have smooth curves.
6. A polarizing plate for a liquid crystal display (LCD) device comprising:
 - a light-diffusion layer;
 - a first passivation layer above the light-diffusion layer;
 - a Cholesteric Liquid Crystal (CLC) layer on the first passivation layer;
 - a first adhesive layer on the CLC layer;
 - a $\lambda/4$ phase shift plate on the first adhesive layer;
 - a second adhesive layer on the $\lambda/4$ phase shift plate;
 - a second passivation layer on the second adhesive layer;
 - a polarizer on the second passivation layer;

a third passivation layer on the polarizer; and
a third adhesive layer on the third passivation layer.

7. The polarizing plate of claim 6, wherein the light-diffusion layer contacts a surface of the first passivation layer.

8. The polarizing plate of claim 7, wherein the light-diffusion layer has a surface including a plurality of projections.

9. The polarizing plate of claim 8, wherein the projections have round shapes.

10. The polarizing plate of claim 8, wherein the projections have smooth curves.

11. A liquid crystal display (LCD) device comprising:
lower and upper substrates facing each other;
a liquid crystal layer between the lower and upper substrates;
a first polarizing plate on the upper substrate;
a second polarizing plate below the lower substrate, the second polarizing plate having a light-diffusion layer therebelow; and
a backlight unit below the second polarizing plate.

12. The LCD device of claim 11, wherein the second polarizing plate comprises a first adhesive layer, a first passivation layer, a polarizer, a second passivation layer, a second adhesive

layer, a $\lambda/4$ phase shift plate, a third adhesive layer, a Cholesteric Liquid Crystal (CLC) layer, a third passivation layer, and the light-diffusion layer in order of proximity to the lower substrate.

13. The LCD device of claim 12, wherein the light-diffusion layer contacts a surface of the third passivation layer.

14. The LCD device of claim 13, wherein a plurality of projections are formed on one surface of the light-diffusion layer.

15. The LCD device of claim 14, wherein the plurality of projections have round shapes.

16. The LCD device of claim 14, wherein the plurality of projections have smooth curves.

17. The LCD device of claim 11, wherein the backlight unit comprises a light-scattering means.

18. The LCD device of claim 17, wherein the light-scattering means comprises a light-diffusion plate, a first prism sheet below the light-diffusion plate, and a second prism sheet below the first prism sheet.

19. The LCD device of claim 12, wherein a total of Haze of the first polarizing plate and Haze of the second polarizing plate is at least about 40%.

20. The LCD device of claim 11, wherein the light-diffusion layer is adjacent to the backlight unit.

21. The LCD device of claim 20, wherein the light-diffusion layer contacts the backlight unit.

22. The LCD device of claim 11, wherein a plurality of projections are formed on one surface of the light-diffusion layer.

23. The LCD device of claim 22, wherein the projections contact the backlight unit.

24. The LCD device of claim 23, wherein the projections contacting the backlight unit have shapes that do not substantially damage the backlight unit.

25. The LCD device of claim 14, wherein the adhesive layers are devoid of added beads.

26. The LCD device of claim 14, wherein the light-diffusion layer produces an amount of Haze, and a density of the projections is less than a density of beads that would have to be added to one of the adhesive layers to obtain the same amount of Haze.

27. A method of fabricating a liquid crystal display (LCD) device, the method comprising:

obtaining a first polarizing plate having a light-diffusion layer on a surface thereof; and

placing the polarizing plate between a lower substrate and a backlight unit of the LCD device.

28. The method of claim 27, wherein obtaining the first polarizing plate comprises forming the first polarizing plate.

29. The method of claim 28, further comprising forming a plurality of projections on the surface of the first polarizing plate.

30. The method of claim 28, further comprising forming a plurality of projections having round shapes on the surface of the first polarizing plate.

31. The method of claim 28, further comprising forming a plurality of projections having smooth curves on the surface of the first polarizing plate.

32. The method of claim 27, further comprising disposing a second polarizing plate more distal to the backlight unit than the lower substrate, wherein a total of Haze of the first polarizing plate and Haze of the second polarizing plate is at least about 40%.

33. The method of claim 27, further comprising disposing the light-diffusion layer adjacent to the backlight unit.

34. The method of claim 33, further comprising disposing the light-diffusion layer to contact the backlight unit.

35. The method of claim 27, further comprising forming a passivation layer incorporating the light-diffusion layer.

36. The method of claim 27, further comprising disposing the light-diffusion layer on a surface of a passivation layer of the first polarizing plate.

37. The method of claim 35, further comprising forming a plurality of projections on the surface of the passivation layer.

38. The method of claim 35, further comprising forming a plurality of projections having round shapes on the surface of the passivation layer.

39. The method of claim 35, further comprising forming a plurality of projections having smooth curves on the surface of the passivation layer.

40. The method of claim 35, further comprising disposing a second polarizing plate more distal to the backlight unit than the lower substrate, wherein a total of Haze of the first polarizing plate and Haze of the second polarizing plate is at least about 40%.